

US EPA ARCHIVE DOCUMENT

UNIT LOG	1. Incident Name Kalamazoo River/Enbridge Oil Spill	2. Date Prepared 12/07/2012	3. Time Prepared 1700
4. Unit Name/Designators Situation Unit	5. Unit Leader (Name and Position) Mindy Luetke, Planning Section Chief	6. Operational Period 0630, 12/07/12 – 1630, 12/07/12	
7. Personnel Roster Assigned			
Name		ICS Position	Home Base
Karen Berecz		Situation Unit 1	Dallas, TX
8. Activity Log			
Time	Major Events		

	Situation Unit Observations:
0630 0700 0805	<ul style="list-style-type: none"> • Arrive at ICP. • Attend daily safety/tailgate meeting at C3.2 pole barn. • Arrived at Burnham Street, MP15.25, to perform observations from bridge spanning river. Observed random small streamers of silver oil sheen free floating from South Mill Pond onto river segment. Area of impact 10'x1'.
0845	<ul style="list-style-type: none"> • MP15.60 LDB: Observed no oil and/or oil sheen at and/or flowing from culverts along shoreline. • Arrive at E4 Boat Launch. Depart on boat. • E4 water level gauge: 0.90; Water Temp: 44.32°F; Sediment Temp: 45.72°F • Morrow Lake Main Channel: No ice, oil and/or oil sheen observed along main channel. • Morrow Lake Rowe Island: No ice, oil and/or oil sheen observe around or west of island. Observed some slushy ice forming in center of island. • Morrow Lake North Shoreline: No ice, oil and/or oil sheen observed along shoreline. • Morrow Lake South Cove: No ice, oil and/or oil sheen observed in cove. • Morrow Lake North Cove: Random streamers of silver oil sheen observed free floating along north and east shorelines of cove. Area of impact 10'x1'. Observed sweep boat heading to cove. • Morrow Lake Little Island: No ice, oil and/or oil sheen observed around island and east of island. • Morrow Lake Delta: Very random small streamers of silver oil observed free floating along main channel through Delta. Quantity of sheen observed too insignificant to quantify. • 35th Street Bridge: Water level reading on gauge is 0.15 above baseline of 0. • MP36.25 LDB: No ice observed in wetland adjacent to river. Observed streamers of sheen eddying along shoreline at location. • MP36.50 RDB: No ice observed in wetland adjacent to river. Observed very random small streamers of silver oil sheen free floating on river segment adjacent to wetland. Quantity of sheen observed too insignificant to quantify.
1100	<ul style="list-style-type: none"> • Arrive at E0.5 Boat Launch. Depart on boat. • E0.5 water level gauge: 0.70; Water Temp: 43.22°F; Sediment Temp: 43.75°F • MP26.75 RDB: No ice, oil and/or oil sheen observed at location. • MP26.25 RDB: No ice, oil and/or oil sheen observed at location. • MP26.00 RDB: No ice, oil and/or oil sheen observed at location. • MP28.00 RDB: Observed two bathymetry crews on downstream end of oxbow taking measurements along transect.
1220	<ul style="list-style-type: none"> • Arrive at Custer Road, MP21.50 to perform observation from bridge spanning river. No ice, oil and/or oil sheen observed on river from bridge.
1230	<ul style="list-style-type: none"> • Arrive at MP19.25 LDB: No bathymetry crews at location. Per boat drivers, crew was breaking for lunch. No ice, oil and/or oil sheen observed along backchannel.
1245	<ul style="list-style-type: none"> • Arrive at Burnham Street, MP15.25, to perform observations from bridge spanning river. Observed a few random streamers of silver oil sheen free floating on south side of bridge adjacent to South Mill Ponds. Also, observed a very faint stream of sediment flowing from South Mill Pond into river.
1340	<ul style="list-style-type: none"> • Arrive at C3.2 Boat Launch. Depart on boat. • C3.2 water level gauge: 1.70; Water Temp: 42.13°F; Sediment Temp: 42.77°F • MP10.75 LDB: No ice, oil and/or oil sheen observed along backchannel. • MP8.50 L1: No ice, oil and/or oil sheen at location. • MP8.50 L3: No ice, oil and/or oil sheen at location. • MP8.75 R1: No ice, oil and/or oil sheen at location.
1500	<ul style="list-style-type: none"> • Arrive at C0.4 Boat Launch. Depart on boat. • C0.4 water level gauge: 1.60; Water Temp: 42.88°F; Sediment Temp: 48.04°F • MP5.25 – MP5.60 LDB: Random streamers of faint silver oil sheen along with an occasional oil globule observed free floating along river segment. Area of impact 50'x1'. • MP5.63 – 5.65 LDB: Observed heavy amounts of oil sheen and oil globules generated by sweep boat responding to a request by the bathymetry crew to perform a sheen sweep at MP5.63 LDB. Area of impact 50'x5'. Sweep boat to remain at location per bathymetry crew's request. • MP5.50 – MP5.65RDB: Observed heavy amounts of oil sheen and oil globules generated by the bathymetry crew working along shoreline. Per bathymetry crew, sheen sweep not requested due to the fact that sweep boat cannot access shallow shoreline location without generating vastly greater amounts of oil sheen. Area of impact 25'x5'. • MP5.65 – Control Point: Unable to perform observation past railroad trestles due to bathymetry crew collection measurements along transect line spanning river.
1630	<ul style="list-style-type: none"> • Arrive at ICP. End of field day.

9.	Prepared by (Name and Position) Karen Berecz, Situation Unit, USEPA-START
----	------------------------------------------------------------------------------